SEP 2 6 2006

IFW

### PATENT APPLICATION

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q95609

Toyoaki ISHIWATA, et al.

Appln. No.: 10/584,330

Group Art Unit: Unknown

Confirmation No.: 9644

Examiner: Unknown

Filed: June 26, 2006

For: LAMINATE

## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97 and 1.98

#### MAIL STOP AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations. Also, the references

U.S. Appln. No.: 10/584,330

Attorney Docket No. Q95609

listed below were previously disclosed in an Information Disclosure Statement filed on June 26, 2006, and Applicants refer the Examiner to the International Search Report submitted June 26, 2006, as well as the International Preliminary Report on Patentability submitted herewith. Applicants submit copies of the references listed herein for the Examiner's convenience.

- 1. The disclosure on page 2 of the present specification and the submission of an English language abstract for JP-A-2000-109645 constitutes a concise statement of relevance of JP-A-2000-109645.
- 2. The disclosure on page 2 of the present specification and the submission of an English language abstract for JP-A-2003-292778 constitutes a concise statement of relevance of JP-A-2003-292778.
- 3. The disclosure on page 3 of the present specification and the submission of an English language abstract for JP-A-2-32181 constitutes a concise statement of relevance of JP-A-2-32181.
- 4. The disclosure on page 3 of the present specification and the citing of corresponding U.S. Patent 4,664739 for JP-B2-3-34853 constitutes a concise statement of relevance of JP-B2-3-34853.
- 5. The disclosure on page 4 of the present specification and the submission of an English language abstract for JP-A-2001-77304 constitutes a concise statement of relevance of JP-A-2001-77304.
- 6. The disclosure on page 4 of the present specification and the submission of an English language abstract for JP-A-2002-237515 constitutes a concise statement of relevance of JP-A-2002-237515.
- 7. The disclosure on page 4 of the present specification and the submission of an English language abstract for JP-A-2002-203821 constitutes a concise statement of relevance of JP-A-2002-203821.

U.S. Appln. No.: 10/584,330

À

Attorney Docket No. Q95609

8. The disclosure on page 4 of the present specification and the submission of an English language abstract for JP-A-2002-192394 constitutes a concise statement of relevance of JP-A-2002-192394.

- 9. The disclosure on page 4 of the present specification and the submission of an English language abstract for JP-A-2002-270553 constitutes a concise statement of relevance of JP-A-2002-270553.
- 10. The disclosure on page 4 of the present specification and the submission of an English language abstract for JP-A-2002-343751 constitutes a concise statement of relevance of JP-A-2002-343751.
- 11. The disclosure on page 4 of the present specification and the submission of an English language abstract for JP-A-2003-340960 constitutes a concise statement of relevance of JP-A-2003-340960.
- 12. The disclosure on page 4 of the present specification and the submission of an English language abstract for JP-A-2002-56823 constitutes a concise statement of relevance of JP-A-2002-56823.
- 13. The disclosure on page 19 of the present specification and the submission of an English language abstract for JP-A-2002-179810 constitutes a concise statement of relevance of JP-A-2002-179810.
- 14. The indication in the International Search Report of the degree of relevance found by the foreign patent office and the submission of an English language abstract for JP-A-2-272077 constitutes a concise statement of relevance of JP-A-2-272077.
- 15. The indication in the International Search Report of the degree of relevance found by the foreign patent office and the submission of an English language abstract for JP-A-5-105850 constitutes a concise statement of relevance of JP-A-5-105850.
- 16. The indication in the International Search Report of the degree of relevance found by the foreign patent office and the submission of an English language abstract for JP-A-2003-37155 constitutes a concise statement of relevance of JP-A-2003-37155.

ıš

U.S. Appln. No.: 10/584,330 Attorney Docket No. Q95609

17. The indication in the International Search Report of the degree of relevance found by the foreign patent office and the submission of a partial English language translation for the non-patent literature document "Polymer ABC Handbook" published by NTS, pages 77-79 constitutes a concise statement of relevance of the non-patent literature document "Polymer ABC Handbook" published by NTS, pages 77-79.

- 18. The indication in the International Search Report of the degree of relevance found by the foreign patent office and the submission of an English language abstract for JP-A-10-67851 constitutes a concise statement of relevance of JP-A-10-67851.
- 19. The indication in the International Search Report of the degree of relevance found by the foreign patent office and the submission of an English language abstract for JP-A-2003-192788 constitutes a concise statement of relevance of JP-A-2003-192788.
- 20. The indication in the International Search Report of the degree of relevance found by the foreign patent office and the submission of an English language abstract for JP-A-2000-159887 constitutes a concise statement of relevance of JP-A-2000-159887.
- 21. The indication in the International Search Report of the degree of relevance found by the foreign patent office and the submission of an English language abstract for JP-A-2-142827 constitutes a concise statement of relevance of JP-A-2-142827.
- 22. The indication in the International Search Report of the degree of relevance found by the foreign patent office and the submission of an English language abstract for JP-A-61-9458 constitutes a concise statement of relevance of JP-A-61-9458.
- 23. The indication in the International Search Report of the degree of relevance found by the foreign patent office and the submission of an English language abstract for JP-A-10-1643 constitutes a concise statement of relevance of JP-A-10-1643.
- 24. The indication in the International Search Report of the degree of relevance found by the foreign patent office and the submission of an English language abstract for JP-A-8-143827 constitutes a concise statement of relevance of JP-A-8-143827.

U.S. Appln. No.: 10/584,330

i

Attorney Docket No. Q95609

25. The indication in the International Search Report of the degree of relevance found by

the foreign patent office and the submission of an English language abstract for

JP-A-2001-77304 constitutes a concise statement of relevance of JP-A-2001-77304.

26. The indication in the International Preliminary Report on Patentability of the degree

of relevance found by the foreign patent office and the submission of an English language

abstract for JP-A-63-221138 constitutes a concise statement of relevance of JP-A-63-221138.

27. The indication in the International Preliminary Report on Patentability of the degree

of relevance found by the foreign patent office and the submission of an English language

abstract for JP-A-63-254130 constitutes a concise statement of relevance of JP-A-63-254130.

28. The indication in the International Preliminary Report on Patentability of the degree

of relevance found by the foreign patent office and the submission of an English language

abstract for JP-A-9-139558 constitutes a concise statement of relevance of JP-A-9-139558.

The submission of the listed documents is not intended as an admission that any such

document constitutes prior art against the claims of the present application. Applicant does not

waive any right to take any action that would be appropriate to antedate or otherwise remove any

listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue

Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any

overpayments to said Deposit Account.

Respectfully submitted,

Registration No. 33,725

Bruce E. Kramer

SUGHRUE MION, PLLC

Telephone: (202) 293-7060

Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: September 26, 2006

5

Substitute for Form 1449 A & B/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICATION

(	use as many shee	ts as necessar	y)	
Sheet	1	of	2	

Complete if Known					
Application Number	10/584,330				
Confirmation Number	9644				
Filing Date	June 26, 2006				
First Named Inventor	Toyoaki ISHIWATA				
Art Unit	Unknown				
Examiner Name	Unknown				
Attorney Docket Number	Q95609				

U.S. PATENT DOCUMENTS								
Examiner Cite Document Number Publication Date								
Initials*	No.1	Number	Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document			
		US 4,664,739		05-12-1987	AURICHIO			

			F	OREIGN PA	TENT DOCUM	ENTS	
Examiner	Cite	Foreign Patent Document			Publication Date	Name of Patentee or	
Initials* No.1		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation <sup>6</sup>
		JP	2000-109645	Α	04-18-2000	KANEGAFUCHI CHEM IND CO LTD	ABSTRACT
		JP	2003-292778	Α	10-15-2003	HITACHI CHEM CO LTD	ABSTRACT
		JP	2-32181	Α	02-01-1990	FSK CORP	ABSTRACT
		JP	3-34853	B2	05-24-1991	STAUFFER CHEMICAL COMPANY	Corresponding US Patent 4,664,739 cited above
		JP	2001-77304	Α	03-23-2001	MITSUBISHI GAS CHEM CO INC	ABSTRACT
		JP	2002-237515	Α	08-23-2002	MITSUBISHI GAS CHEM CO INC	ABSTRACT
		JP	2002-203821	Α	07-19-2002	MITSUBISHI GAS CHEM CO INC	ABSTRACT
		JP	2002-192394	Α	07-10-2002	MITSUBISHI GAS CHEM CO INC	ABSTRACT
		JP	2002-270553	Α	09-20-2002	MITSUBISHI GAS CHEM CO INC	ABSTRACT
		JP	2002-343751	Α	11-29-2002	MITSUBISHI GAS CHEM CO INC	ABSTRACT
		JP	2003-340960	Α	12-2-2003	DAINIPPON PRINTING CO LTD	ABSTRACT
		JP	2002-56823	A	02-22-2002	DAINIPPON PRINTING CO LTD	ABSTRACT

	NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*						
		"Polymer ABC Handbook"; published by NTS, pages 77-79 (2001)	English language translation of pages 77-79			

	l l	
	1	i i
	<b>↓</b>	
Examiner Signature	Date Considered	1
Lixamine Signature	Date Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

Complete if Known

10/584,330



Substitute for Form 1449 A & B/PTO

INFO	RMATION	DISCLOS	TIRE	Confirmation Number	9644	
	INFORMATION DISCLOSURE			Filing Date	June 26, 2006	
<u> 51A1</u>	(use as many sheets as necessary)			First Named Inventor	Toyoaki ISHIWATA	
(use				Art Unit	Unknown	
				Examiner Name	Unknown	
Sheet	2	of	2	Attorney Docket Number	Q95609	

**Application Number** 

U.S. PATENT DOCUMENTS							
Examiner	Cite	Document Nu	mber	Publication Date			
Initials*	No.1	Number	Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
	•	US					

			F	OREIGN PA	TENT DOCUM	ENTS	
Examiner	Cite	Foreign Patent Document			Publication Date	Name of Patentee or	
Initials* No.1		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation <sup>6</sup>
		JP	2002-179810	Α	06-26-2002	TEUIN LIMITED	ABSTRACT
·		JP	2-272077	Α	11-06-1990	NITTO DENKO CORP	ABSTRACT
		JP	5-105850	Α	04-27-1993	SUMITOMO BAKELITE CO LTD	ABSTRACT
		JP	2003-37155	Α	02-07-2003	MITSUBISHI GAS CHEM CO INC	ABSTRACT
		JP	10-67851	Α	03-10-1998	UBE IND LTD	ABSTRACT
		JP	2003-192788	Α	07-09-2003	MITUSI CHEMICALS INC	ABSTRACT
		JP	2000-159887	Α	06-13-2000	KANEGAFUCHI CHEM IND CO LTD	ABSTRACT
		JP	2-142827	Α	05-31-1990	MITSUI TOATSU CHEM INC	ABSTRACT
		JP	61-9458	Α	01-17-1986	MITSUI TOATSU CHEM INC	ABSTRACT
		JP	10-1643	Α	01-06-1998	SUMITOMO BAKELITE CO LTD	ABSTRACT
		JP	8-143827	Α	06-04-1996	UBE IND LTD	ABSTRACT
		JP	2001-77304	Α	03-23-2001	MITSUBISHI GAS CHEM CO INC	ABSTRACT
		JP	63-221138	Α	09-14-1988	KANEGAFUCHI CHEM IND CO LTD	ABSTRACT
		JP	63-254130	Α	10-20-1988	MITSUBISHI ELECTRIC CORP	ABSTRACT
		JP	9-139558	Α	05-27-1997	HITACHI LTD	ABSTRACT

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>			
			<u> </u>			

Examiner Signature	Date Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>3</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.